

From: [Myron Knudson](#)  
To: [R6\\_DWH\\_Info@epa.gov](mailto:R6_DWH_Info@epa.gov)  
Subject: Fw: Deepwater Horizon REOC Situation Report #11  
Date: 05/10/2010 05:08 PM

----- Forwarded by M= yron Knudson/R6/USEPA/US on 05/10/2010 05:08 PM -----

**Fw:**  
**Deepwater**  
**Horizon**  
**REOC**  
**Situation**  
**Report**  
**#11**

**Myron Knudson** to: Minerva 05/10/2010  
Rojo 12:54 PM

**Cc:** R6=5FDWH=5FInfo<=  
/table>

Please use [R= 6=5FDWH=5FInfo@epa.gov](mailto:R6=5FDWH=5FInfo@epa.gov) when sending anything regarding the Oil Spill to Region 6. Don't know what your Headquarters box number is.

The following procedures have been developed to ensure compliance with the litigation hold issued by the U.S. Department of Justice which calls for the U.S. Environmental Protection Agency and other Federal agencies to preserve information related to the Gulf Oil Spill that followed the fire and explosion at the Deepwater Horizon facility operation by BP Exploration & Production, Incorporated. Further documentation that is specific to the litigation hold is forthcoming under separate cover.

#### EMAIL PRESERVATION

Incident Command Structure (ICS) email databases have been created to maintain consistency and control of all email communication regarding the Deepwater Horizon Incident. An Information Collection Database (R6 DWH Info) mailbox ([R6=5FDWH=5FInfo@epa.gov](mailto:R6=5FDWH=5FInfo@epa.gov)) has been established to work as a central location to house all incoming and outgoing mail related to the incident. **Each person has an individual duty to preserve all email and any corresponding attachments by ensuring that all electronic communication that is either generated and/or received is placed into the R6 DWH Info mailbox.** Please note that as of May 07, 2010, the following procedures apply:

- Mail generated from External Sources that is sent to any ICS Position mailbox will automatically be CC'd to the R6 DWH Info mailbox
- Mail generated from Individual Lotus Notes Account sent to any ICS Position mailbox will automatically be CCR= 17;d to the R6 DWH Info mailbox
- Mail generated from any ICS Position mailbox to another ICS Position mailbox will automatically be CC'd to the R6 DWH Info mailbox
- Mail generated from External Sources that is sent to an Individual Lotus Notes Account must be forwarded to the R6 DWH Info mailbox.
- Mail generated from an Individual Lotus Notes Account that is sent to another Individual Lotus Notes Account must include the R6 DWH Info mailbox as a CC recipient.
- Mail generated from an Individual Lotus Notes Account that is sent to External Sources must include the R6 DWH Info mailbox as a CC recipient.

Mail Generated= From	Mail Sent To	Action Required
External Sources<= /u>	ICS Mailbox	None
Individual Lotus = Notes	ICS Mailbox	None
ICS Mailbox	ICS Mailbox	None
External Sources<= /u>	Individual Lotus = Notes	Forward to R6 DWH= Info
Individual Lotus = Notes	Individual Lotus = Notes	CC the R6 DWH Inf= o
Individual Lotus = Notes	External Sources<= /u>	CC the R6 DWH Inf= o

----- Forwarded by My= ron Knudson/R6/USEPA/US on 05/10/2010 12:33 PM -----

**Fw:**  
**Deepwater**  
**Horizon**  
**REOC**  
**Situation**  
**Report**  
**#11**

**Myron Knudson** to: Chris 05/10/2010  
Petersen 10:46 AM

Would you please add Minerva (Minnie) Rojo's name to your list to get the Sit Rep reports?

----- Forwarded by M= yron Knudson/R6/USEPA/US on 05/10/2010 10:42 AM -----

**Re: Fw:**  
**Deepwater**  
**Horizon**  
**REOC**  
**Situation**  
**Report**

 #11 &nb=  
sp: [Link](#)

Minerva to: Myron 05/10/2010  
Rojo = Knudson 10:34 AM

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No, I'm not getting them and Yes I would like to receive them. Any chance that (1) Chris Petersen could just add me to his distribution list (to minimize delays in getting it to me? I noticed this one's from Saturday); and (2) Would it be ok to share these with folks here with whom I'm working (some of whom are in the EOC here at EPA HQs), who are working on various parts of some of the things listed in this report...i.e., the managers for the NCP Product Schedule and I, with a couple of others, just finished a weekly conference call with USCG's Kurt Hansen (posted at Houma, LA). Tks. MR.

Minerva Rojo  
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Office of the Science Advisor  
U.S. Environmental Protection Agency  
1300 Pennsylvania Ave., NW (8105R)  
Washington, DC 20460

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fax: (202) 564-2070  
e-mail: rojo.minerva@epa.gov

From: Myron  
Knudson/R6/USEPA/US  
To: Minerva  
Rojo/R6/USEPA/US@EPA  
Date: 05/10/2010 09:58 AM  
Fw: Deepwater Horizon  
Subject: REOC Situation Report  
#11

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Are you getting these?  
Do you want to get them or not?  
----- Forwarded by Myron Knudson/R6/USEPA/US on 05/10/2010 08:53 AM -----

**Deepwater  
Horizon  
REOC  
Situation  
Report  
#11**

Betty  
Williamson,  
Carmen  
Assunto, Ch=  
ad Nitsch,  
Charles  
Faultry,  
Cynthia  
Fanning, Dave  
Mickunas,  
David Bary,  
David Gray,  
EOC Situation  
Unit, Eugene  
Lee, Gary  
Miller,  
petersen.chris,  
Dana Tulis,  
Dave  
Mickunas,  
Dave Wright,  
Debbie  
Dietrich,  
Gilberto  
Irizarry,  
mould.kevin,  
Markj  
Thomas, Matt  
Taylor, Shane  
Hitchcock,  
Timothy  
Curry, Jeffrey  
Clark,  
Kenneth  
Buchholz, Lisa  
Boynton,

 **Chris Petersen**

to: Mike McAteer, 05/08/2010  
Nancy Jones, 04:48 PM

Markj  
Thomas,  
Adam Adams,  
Althea Foster,  
Brandi Todd,  
Chris Perry,  
Chris  
Petersen,  
Christopher  
Ruhl, Craig  
Carroll,  
Donaldp  
Smith, Eric  
Delgado, Gary  
Moore, Greg  
Fife, James  
Staves, Jhana  
Enders, John  
Martin, Jon  
Rinehart,  
Karen  
McCormick,  
Mark Hansen,  
Mark Hayes,  
Mike McAteer, 05/08/2010  
Nancy Jones, 04:48 PM  
Nicolas  
Brescia, Paige  
Delga= do,  
Rita Engblom,  
Roberto  
Bernier,  
Ronnie  
Crossland,  
Steve Mason,  
Susan  
Webster,  
Warren  
Zehner,  
William  
Rhotenberry,  
Richard  
Wayland, Al  
Armendariz,  
Ben Harrison,  
Carl Edlund,  
petersen.chris,  
Craig Carroll,  
David Gray,  
David Neleigh,  
Deborah  
Ponder, Diane  
Taheri, Ivan  
Vikin,  
Jeannine  
Hale, John  
Blevins,  
Lawrence  
Starfield,  
Lynda Carroll,  
Mark Hansen,  
Miguel Flores,  
Myron  
Knudson,  
phillips.pam,  
Paulette  
Johnsey,  
Ronnie  
Crossland,  
Sam Becker,  
Sam Coleman,  
Stephen  
Gilrein, Susan  
Webster,  
Suzanne  
Murray,  
Vernon  
Jackson,  
William  
Honker,  
William  
Luthans, Scott  
Hayes, Sherry  
Fielding,  
Steve Page,  
Wren Stenger

Mark  
Hansen,  
Cc: R6



## Deepwater Horizon Incident, Gulf of Mexico

### Region 6 REOC Update

**Subject:** Region 6 Update # 11  
**Deepwater Horizon Incident, Gulf of Mexico**  
**Date:** May 8, 2010  
**To:** Incident Command  
**Thru:** Planning Section  
**From:** Situation Unit  
**Operational Period:** May 7, 2010 2401 – May 7, 2010 2400  
**Reporting Period:** May 7, 2010 2401 – May 8, 2010 1300

#### 1. Background

<b>Site Name:</b>	Deepwater Horizon Incident	<b>FPN#:</b>	N10036
<b>Mobilization Date:</b>	4/27/2010	<b>Start Date:</b>	4/28/2010

#### 2. Current Situation

- =B7
- o An estimated total of 77,000 barrels of oil released to date; estimated 5,000 barrels released during this operational period.
- o A total of 214,000 feet of boom deployed to date; 29,600 feet deployed during this operational period.

##### 2.1 (USCG) Incident Command Post (Houma, LA)

- =B7 Coordinated with USCG to receive PRFA amendment for \$4 million dollars (\$5 million total), having been signed by the FOSC, RADM Mary Landry.
- =B7 Coordinated with OSHA on toxicity information in Corexit dispersants, and the accuracy of the MSDS of those products.
- =B7 Coordinated with NOAA to obtain updated operational maps to gather situational awareness.
- =B7 Submitted Request for Analysis for surface oil samples to BP Environmental Unit and coordinated timeframes of sampling and analysis with them.
- =B7 Reviewed and commented on BP Waste Management Plan. Coordinated with LDEQ and LDNR who agreed upon waste classification and disposal treatment options. The State of Louisiana amended their Emergency and Administrative Order to reflect the alignment with LDNR.
- =B7 Coordinated with Public Information Office at UC Houma on planned mobilization of EPA Vietnamese Community Liaison Officer.
- =B7 Coordinated ASPECT over flights of in situ burning.
- =B7 Unclassified underwater anomaly in vicinity of Timbalier Bay is still unclassified. SCAT recon reported no oiling on shoreline in Grand Isle area.

##### 2.2 (USCG) Area Command Post (Robert, LA)

- =B7 The Area Command Environmental Unit leadership met this morning to discuss overall strategies for monitoring subsurface dispersed oil plumes. They are preparing a plan that will support all identified EPA requirements while remaining flexible enough to accommodate the extremely fluid nature of the subsurface operational plans. Their plan will address an "efficacy test" which has previously been identified as "Test 3", but will also include a strategy for transitioning into support of potential longer term applications. There has not been a specific proposal for subsea dispersant application at this time.
- =B7 The research vessel Brooks / McCall is in the process of deploying to the injection site, with personnel and equipment that can support the subsea dispersant monitoring plan. The crew includes NOAA and EPA staff, and BP and EPA contractors. A communications plan for coordinating the activities and findings of the vessel is being developed at Area Command. The research vessel may be used to conduct analyses beyond the capabilities of SMART teams in support of the efficacy test.

##### 2.3 Air Monitoring/Sampling

- =B7 EPA continues to conduct air monitoring and sampling in Venice operations area (VOCs and Particulates):
  - o Venice, LA - 29.25274 N, 89.35750 W - V02;
  - o Boothville, LA - 29.31449 N, 89.38433 W - V03;
  - o Fort Jackson, LA - 29.35699 N, 89.45487 W - V05.
- =B7 EPA continues to conduct air monitoring and sampling in Chalmette operations area (VOCs and Particulates):
  - o Chalmette, LA - 29.94562, -89.9721 - C01 - located at Fire Station number = 3, near corner of Jackson Street and Judge Perez; this location was discontinued and moved to C04 during the operational period.
  - o Poydras, LA - 29.86609, -89.89108 - C02 - located at Fire Station number = 8;
  - o Hopedale, LA - 29.82209, -89.60862 - C03 - located at the Emergency Operations Center.
  - o Chalmette, LA - 29.96082, -90.00132 - C04 - located at Fire Station on Aycock.
- =B7 Each air monitoring location has 4 pieces of air equipment:
  - o DataRAM - monitoring particulate matter PM10 up to 5/8/10. EBAM (Particulate Monitors) equipment will replace DataRAM's throughout the 5/8/10 operational period.
  - o AreaRae - monitoring VOCs;
  - o PQ200 - samples for PM2.5 (on 5/6 PQ200 will be replaced with E-BAM air monitors) = ;
  - o SUMMA Canisters per location - sample for VOCs.
- =B7 All air monitoring/sampling stations are monitored throughout the day (24 hours) for immediate reporting of any elevated VOC or particulate levels. The maximum reading is reported to the OSC at Area Command Post in Venice and Chalmette.
- =B7 Real-time air monitoring data from midnight to midnight each day is reviewed for field QA and uploaded into SCRIBE by 1200 each day and available to EPA Headquarters.
- =B7 Venice and Chalmette operations reported that air monitoring data did not exceed action levels for VOCs or particulates (PM10) on 5/7. Chalmette did not conduct particulate (PM10) monitoring at station C02.
- =B7 EPA summary of air monitoring/sampling activities:

Air Monitoring &= Samples	DataRAM (PM10)	AreaRae	SUMMA Canisters	PM2.5	TOTALS FOR 5/6
Venice	3 locs/24-hr	3 locs/24-hr	9	3	12
Chalmette	2 locs/24-hr	3 locs/24-hr	3	3	6
<b>TOTAL TO DATE</b>	6 locs/24-hr	6 locs/24-hr	104	42	

\*QAQC samples not included in sa= mple count

#### 2.4 Water/Sediment Sampling

=B7 EPA continues to conduct water and sediment sampling at locations provided by EPA Headquarters and selected through National Coastline Condition Assessment (NCCA) program. The NCCA sample locations are sampled every four years by state agencies with U.S. Coastlines. Sample parameters and locations were also selected in coordination with the EPA Region 6 Water Quality Division.


=B7 Representatives from the Water Division and the REOC Environmental Units from R6 and R4 conduct a conference call three times a week with the HQ EOC to discuss the coordination and consistency of water and sediment sampling across the Deepwater Horizon Incident Response.

=B7 On 5/7/10 Chalmette water operation team Collected samples in Biloxi marsh (NE St. Bernard Parish). No oiled wildlife observations and no oil or odors were detected.

=B7 On 5/7/10 Venice had no water operations

=B7 EPA summary of water/sediment activities:

Water/Sediment Sample= es	Water	Sediment	TOTALS FOR 5/6																																																																																																															
Venice	0	0	0																																																																																																															
Chalmette	3	3	6																																																																																																															
TOTAL TO DATE	42	35	*QAQC samples not included in sample count																																																																																																															
			2. 5 TAGA =B7 TAGA 1553 continues to perform mobile monitoring for (BTEX) Southeastern LA – Slidell to Hopedale, to Delacroix to Poydras, to Boheman. No = BTEX observed above low ppbv levels during any monitoring events - the concentrations observed were associated with vehicular traffic or isolated sources																																																																																																															
			2.6 ASPECT =B7 ASPECT conducted one flight on 7 May 2010 the primary objective of the mission was to collect data over any burning operations and collect data over dispersant operations. ASPECT was on station from 1130 to 1330 and no oil burning operations were observed during the time on station. Spectral and IR data was collected over the recovery area and due to excellent visibility (20 miles) 1000 ft aerial images were collected over the recovery area.																																																																																																															
			=B7 On 5/8, ASPECT is scheduled to fly to position 29.01N 90.21W to recon a potential mass of oil west of the delta and then transition to the oil recovery area to collect photo and spectral data. Next ASPECT will transition to Freemason Island to collect IR and photo data.																																																																																																															
			2.7 Water Quality Protection Division Update																																																																																																															
			=B7 No update for this reporting period.																																																																																																															
			3. EPA Assets																																																																																																															
			3.1 Current Assets Deployed																																																																																																															
			=B7 Activated in Dallas, TX o REOC is activated o SRICT activated o RRT activated																																																																																																															
			Deployed Personnel																																																																																																															
<table><thead><tr><th>Personnel</th><th>Dallas, TX</th><th>Venice, LA</th><th>Robert, LA</th><th>Houma, LA</th><th>New Orleans, LA</th><th>Chalmette, LA</th><th>Slidell, LA</th><th>TOTALS</th></tr></thead><tbody><tr><td>EPA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>- OSC</td><td>3</td><td>1</td><td></td><td>1</td><td></td><td>1</td><td></td><td>6</td></tr><tr><td>- RSC</td><td>5</td><td></td><td>1</td><td>1</td><td></td><td></td><td></td><td>14</td></tr><tr><td>- PIO</td><td></td><td></td><td>3</td><td></td><td></td><td></td><td></td><td>3</td></tr><tr><td>- Other</td><td>3</td><td></td><td>2</td><td>1</td><td>1</td><td>1</td><td></td><td>8</td></tr><tr><td>START</td><td>5</td><td>16</td><td></td><td></td><td></td><td>13</td><td></td><td>34</td></tr><tr><td>ERT Contractor</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr><tr><td>TAGA Personnel</td><td></td><td></td><td></td><td></td><td></td><td></td><td>5</td><td>5</td></tr><tr><td>ASPECT Personnel</td><td></td><td></td><td></td><td></td><td></td><td></td><td>4</td><td>4</td></tr><tr><td>Other</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>TOTALS</td><td>16</td><td>18</td><td>6</td><td>3</td><td>1</td><td>15</td><td>9</td><td>68</td></tr></tbody></table>							Personnel	Dallas, TX	Venice, LA	Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Slidell, LA	TOTALS	EPA									- OSC	3	1		1		1		6	- RSC	5		1	1				14	- PIO			3					3	- Other	3		2	1	1	1		8	START	5	16				13		34	ERT Contractor		1						1	TAGA Personnel							5	5	ASPECT Personnel							4	4	Other									TOTALS	16	18	6	3	1	15	9	68
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- PIO			3					3																																																																																																										
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			Mobile Command Post		1						1
			ASPECT							1	1
			TAGA Bus							2	2
			LRV			1			1		2
			Gooseneck Trailer		1						1
			20 KW Generator			1					<div>1</div> <div>&lt;= /table&gt;</div> <div>4. Daily Cost Estimates&lt;=</div> <div>/font&gt;</div> <div></div> <div>[attachment "Deepwater Horizon REOC Situation Report=5F11.pdf" deleted by Minerva Rojo/R6/USEPA/US]</div> <div>[attachment "Deepwater Horizon REOC Situation Report=5F11.docx" deleted by Minerva Rojo/R6/USEPA/US]</div> <div>J. Chris Petersen Deputy Associate Director Prevention and Response Branch (6SF-P) U.S. EPA Region 6 214.665.3167 office 214.665.7447 fax</div>